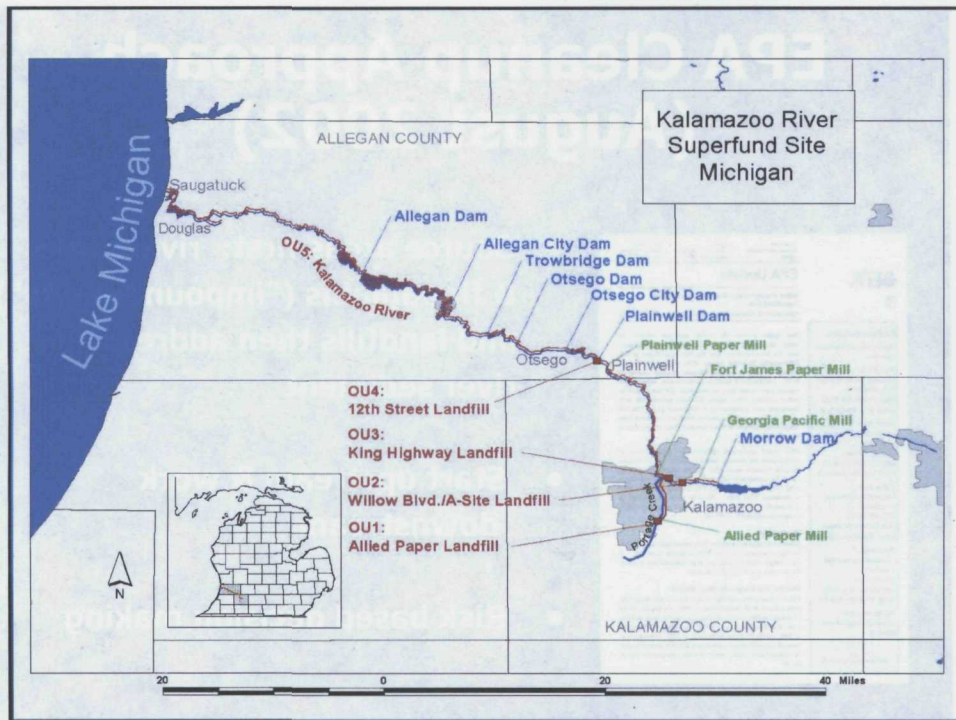
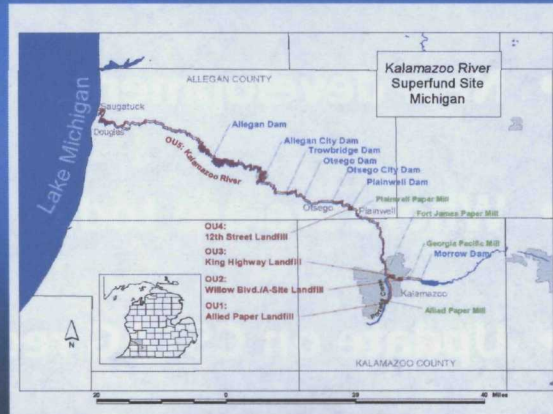




406718

# Allied Paper/Portage Creek/Kalamazoo River Superfund Site

**CSTAG Update**  
October 12, 2004



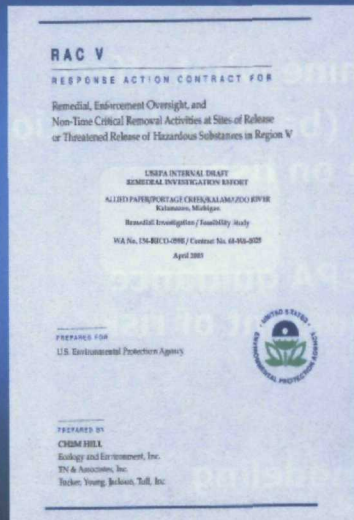
- **EPA cleanup approach - 2002**
- **New developments - 2003**
- **Where we are today – 2004**
- **Update on CSTAG recommendations**

[illegible]

- **Source areas first: riverbanks & floodplains ("impoundments") and landfills then address river sediment**
- **Start upstream & work downstream**
- **Risk based decision making**



## EPA Draft RI/FS (June 2003)



Otsego City



Plainwell

## Developments (Fall/Winter 2003)

### State & environmental Groups want:

- Dams removed
- Free run of river
- Paper waste dug up  
& removed off-site
- State disagrees with  
approach (sources 1<sup>st</sup>)



#### The Kalamazoo River Dams: Questions and Answers

Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site  
Kalamazoo, Michigan September 2003

##### For more information...

on the Kalamazoo River dams...

visit the...

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## **EPA – RI/FS Issues**

- Difficult for EPA to determine what effect a source control measure (bank stabilization, removal, etc.) would have on fish.
- For each cleanup option, EPA guidance requires quantifying the amount of risk reduction in fish
- EPA experts recommend modeling

## **Where We Are Today**

- Modeling
- Mediated Negotiations



# Principle 1

Modeling will identify all PCB sources including contributions from:

- upstream (surface water & sediment)
- groundwater from landfills
- riverbanks & floodplains
- groundwater moving thru paper waste
- surface water runoff
- river sediment

# Principle 2

Public involved early and often:

- Quarterly public meetings & superfund workshops
- River model development
  - public modeling workshops & established model review team which includes TAGG
- EPA fact sheet include MDCH web link for fish advisory
- Held Realtor workshop

## Principle 2

### River model development

- public modeling workshops & established model review team which includes TAGG
- EPA fact sheet include MDCH web link for fish advisory
- Held Realtor workshop on brownfields

## Principle 3

### Coordination with State, Natural Resource Trustees, Tribes, & local governments

- Created **Federal Family** (EPA & Federal Trustees) to coordinate unified positions on site restoration issues
- Coordination on **model development**
  - modeling meetings with PRPs, State, Trustees, public
  - community modeling workshop
  - creating modeling review team will include TAGG



## **Principle 3**

### **Mediated Negotiations**

- Among PRPs, State, EPA, Natural Resource Trustees
- Facilitate negotiation between EPA and PRPs for future RI/FS work
- Renegotiate State Agreement with PRPs
- Facilitate discussions regarding restoration of natural resources including dam removal

## **Principle 3**

- Damaged fish advisory signs were repaired. Are understandable and at suitable locations
- Renegotiate State Agreement with PRPs
- Facilitate discussions regarding restoration of natural resources

## Principle 3

- Cultural Resource Survey is needed
- Worked with Gun Lake tribe - received SACA grant for work on identifying tribal lands of religious or cultural significance

## Principle 4

- Conceptual site model is now being updated
  - include fate of dams
  - USGS dam study results (12)
- Modeling will identify relative contributions of key PCB sources



## **Update - Principle 6**

- EPA is evaluating the PRP river modeling results and will use this info. in EPA model to the extent practicable (18)
- Exposure & input parameters in Human health & Eco risk assessment reports available on CD (19, 20)
- EPA will continue funding USGS to collect ..... Information for modeling effort (21)

## **Update - Principle 6**

- Region 5 is planning to peer review QEA's hydrodynamic model after first phase of model (22)

## **Update - Principle 9**

- **MDCH web link for fish consumption advisories is included in EPA fact sheets (25)**
- **Fate of State-owned dams will be discussed during mediation negotiations (26)**

## **Update - Principle 10**

- **EPA & Federal Trustees formed group (federal family) to get input on habitat mitigation, restoration, and damage assessments (27)**
- **River rerouting and on-site placement of waste were evaluated as alternatives in the EPA draft RI/FS for Plainwell & Otsego City impoundments (28, 29)**



## **Modeling (cont.)**

- Meetings with PRPs, State, and Natural Resource Trustees to get input on model development
- Held community modeling workshop
- QEA started modeling
  - 3 Phases
  - Continuing to Phase 2 and 3 dependant on results of previous phase

## **Mediated Negotiations**

- Finalizing mediation agreement
- First mediated session - October

## Other Activities

- EPA public meetings (6/29 & 9/29)
- Workshops
  - Superfund workshop (10/19)
  - Modeling (8/18)
- Georgia Pacific Mill delisting meetings
- Negotiations continuing with PRP for 12<sup>th</sup> street landfill & Plainwell mill cleanup
- Plainwell mill land reuse meetings

## EPA Contacts

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